

For more resources and information:

Nutrients:

How to boost garden health: <http://www.veggiegardener.com/get-started-here/>

Is your soil **getting all its minerals?** (<http://aggie-horticulture.tamu.edu/vegetable/guides/texas-vegetable-growers-handbook/chapter-iii-soils-fertilizers>)

Managing nutrients: <http://www.extension.org/pages/18565/organic-soil-fertility>

Metals:

Home gardens –http://www.uvm.edu/vtvegandberry/factsheets/interpreting_heavy_metals_soil_tests.pdf

Larger plots/ community gardeners - <http://smallfarms.oregonstate.edu/sfn/su10toxicmetals>

For a good overview of heavy metals and soils with good reference materials:

<https://sites.google.com/site/healthygardeners/home>

Raised Beds:

Raised bed gardening: (http://eartheasy.com/grow_raised_beds.htm)

How to **build your raised bed** (http://aggie-horticulture.tamu.edu/earthkind/files/2010/10/E-560_raised_bed_garden.pdf)

All thumbs? **Pre-cut and configured raised beds** (<http://raisedbeds.com/>)

Miscellaneous:

Teaching Children: http://seed survivor.com/documents/Soil-worksheet-3_single-page.pdf

Square foot gardening: (www.squarefootgardening.org)

Urban Gardening http://www.clu-in.org/download/misc/urban_gardening_fact_sheet.pdf

Planting and growing for the city gardener (<http://www.austintexas.gov/department/sustainable-urban-agriculture>)

Food systems and growing food. (<http://www.austintexas.gov/food> and <http://austintexas.gov/page/growing-food> respectively)

Suggested pH Range for Plant Type:

ORCHARD PLANTS

| | Preferred pH Range | | Preferred pH Range |
|------------|--------------------|-------------|--------------------|
| Apple | 5-6.5 | Orange | 5-7 |
| Apricot | 6-7 | Peach | 6-7.5 |
| Cherry | 6-7.5 | Pear | 6-7.5 |
| Grapefruit | 6-7.5 | Plum | 6-7.5 |
| Grapevine | 6-7 | Pomegranate | 5.5-6.5 |
| Lemon | 6-7 | Walnut | 6-8 |
| Nectarine | 6-7.5 | | |

VEGETABLES AND HERBACEOUS CULTIVATIONS

| | Preferred pH Range | | Preferred pH Range |
|-----------------|--------------------|--------------|--------------------|
| Artichoke | 6.5-7.5 | Pepper | 6-7 |
| Asparagus | 6-8 | Early Potato | 4.5-6 |
| Barley | 6-7 | Late Potato | 4.5-6 |
| Bean | 6-7.5 | Sweet Potato | 5.5-6 |
| Brussels Sprout | 6-7.5 | Pumpkin | 5.5-7.5 |
| Early carrot | 5.5-7 | Rice | 5-6.5 |
| Late carrot | 5.5-7 | Soybean | 5.5-6.5 |
| Cucumber | 5.5-7.5 | Spinach | 6-7.5 |
| Egg Plant | 5.5-7 | Strawberry | 5-7.5 |
| Lettuce | 6-7 | String | 6-7.5 |
| Maize | 6-7.5 | Sugar beet | 6-7 |
| Melon | 5.5-6.5 | Sunflower | 6-7.5 |
| Oat | 6-7 | Tomato | 5.5-6.5 |
| Onion | 6-7 | Watermelon | 5.5-6.5 |
| Pea | 6-7.5 | Wheat | 6-7 |

LAWN

| | Preferred pH Range |
|------|--------------------|
| Lawn | 6-7.5 |

GARDEN PLANTS AND FLOWERS

| | Preferred pH Range | | Preferred pH Range |
|---------------|--------------------|--------------|--------------------|
| Acacia | 6-8 | Ligustrum | 5-7.5 |
| Acanthus | 6-7 | Magnolia | 5-6 |
| Amaranth | 6-6.5 | Narcissus | 6-8,5 |
| Bougainvillea | 5.5-7.5 | Oleander | 6-7.5 |
| Dahlia | 6-7.5 | Paulownia | 6-8 |
| Erica | 4.5-6 | Portulaca | 5.5-7.5 |
| Euphorbia | 6-7 | Primula | 6-7.5 |
| Fuchsia | 5.5-7.5 | Rhododendron | 4.5-6 |
| Gentian | 5-7.5 | Roses | 5.5-7 |
| Gladiolus | 6-7 | Sedum | 6-7.5 |
| Hellebore | 6-7.5 | Sunflower | 5-7 |
| Hyacinth | 6.5-7.5 | Tulip | 6-7 |
| Iris | 5-6.5 | Viola | 5.5-6.5 |
| Juniper | 5-6.5 | | |